UNITED STATES PATENT AND TRADEMARK OFFICE

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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 10/725,505 | 12/03/2003 | Robert Stoner | COS97083C1 | 3775 |

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VERIZON
PATENT MANAGEMENT GROUP
1515 N. COURTHOUSE ROAD
SUITE 500
ARLINGTON, VA 22201-2909

| EXAMINER |
|---|
| TRAN, MYLINH T |

| ART UNIT | PAPER NUMBER |
|---|---|
| 2179 | |

| NOTIFICATION DATE | DELIVERY MODE |
|---|---|
| 07/09/2007 | ELECTRONIC |

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patents@verizon.com

*-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --*

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

1)☒ Responsive to communication(s) filed on *11 April 2007*.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

4)☒ Claim(s) *1-38* is/are pending in the application.

   4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-38* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

**Application Papers**

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

   Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

   Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

   a)☐ All   b)☐ Some * c)☐ None of:

   1.☐ Certified copies of the priority documents have been received.

   2.☐ Certified copies of the priority documents have been received in Application No. _____.

   3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

   * See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

1)☒ Notice of References Cited (PTO-892)
2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3)☐ Information Disclosure Statement(s) (PTO/SB/08)
   Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
   Paper No(s)/Mail Date. _____ .
5)☐ Notice of Informal Patent Application
6)☐ Other: _____.

## DETAILED ACTION

Applicant's request for reconsideration filed 04/11/07 has been entered and

carefully considered. Arguments regarding rejection under 35.U.S.C 103 to

claims (1-38) have been found to be persuasive. However, these claims have

not been found to be patentable over prior art of record. Claims 1-38 are

rejected under the new ground of rejection as set forth below.

### Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35

U.S.C. 102 that form the basis for the rejections under this section made in this

Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-38 are rejected under 35 U.S.C. 102(b) as being anticipated by

Dev et al. [US.5,504,921].

**As to claims 1 and 21**, Dev et al. shows a communications network having first

means for receiving communication of original messages generated from one or

more network element subsystems (column 3, lines 38-55 and column 13, lines

1-15), the network element subsystems including console connections and

application connections (column 5, lines 1-10, console connections and

application connection would be one of the parts in the network);

means for mapping text of a received original message to one or more of a

plurality of alarm attributes (column 4, lines 54-65 and column 12, lines 32-50)

and means for determining the presence of an alarm condition from said one or

more attributes (column 8, lines 27-55) and generating one or more responses

according to said type of alarm condition (column 8, lines 41-55); means for

enabling a remotely located user access to said one or more network elements

via a display interface at a remote terminal (column 3, lines 28-55) and a said

response including automatically presenting said remotely located user of an

alarm condition at a network element via said display interface, said remotely

located user being enabled to access said network element from said remote

terminal for further responsive action thereof (column 14, lines 41-60).

**As to claims 2 and 20**, Dev et al. discloses said first server means includes a

terminal server means physically connected to a console port I/O of each said

network element, said remotely located user having access to said console port

via said user interface (column 4, line 65 through column 5, line 1-17).

**As to claims 3 and 23**, Dev et al. shows the first server means includes means

for receiving communication of original textual messages from a network

application running on said network element, said first server means including a

mailbox facility means for receiving said alarm messages (column 3, lines 35-

60).

**As to claim 4**, Dev et al. teaches the network application running on said

network element is a Log Management Facility application (column 3, lines 1-

60).

**As to claims 5 and 24**, Dev et al. discloses means for presenting an indication

of said alarm condition to said remotely located user via a network connection

(column 2, lines 50-64).

**As to claims 6 and 25**, Dev et al. shows "graphical icon being color-coded to

indicate alarm condition severity" (column 12, lines 16-67).

**As to claim 7**, Dev et al. demonstrates the terminal server means including a

telnet terminal server (column 5, lines 1-10).

**As to claim 8**, Dev et al. teaches means for enabling a remotely located user

access to said one or more network elements includes a network connection

(column 2, lines 35-67).

**As to claims 9 and 27**, Dev et al. shows network socket connection is pursuant

to a TCP/IP protocol (column 3, lines 28-62).

**As to claims 10 and 8**, Dev et al. discloses means for mapping text of a

received original message to one or more of a plurality of alarm attributes

includes utilizing regular expression matching (column 9, lines 40-65).

**As to claims 11 and 29**, Dev et al. teaches the message attributes include one

or more selected from the group comprising: originating network element, time,

alarm severity level, alarm mnemonic, alarm description, process name, and

network element name (column 8, lines 1-13).

**As to claims 12 and 30**, Dev et al. discloses means for determining presence of an alarm condition from said one or more attributes includes means for applying configuration rules to said alarm attributes, said configuration rules stored as text in a first storage means at or near said first means and accessible therefrom (column 9, lines 40-65 and column 12, lines 15-51).

**As to claims 13 and 31**, Dev et al. teaches text editor means for enabling a user to modify existing configuration rules stored in said storage means via said user display interface, said text editor means further enabling said user to generate new configuration rules for storage in said storage means, said new configuration rules creating a new alarm condition (column 9, lines 5-67).

**As to claims 14,15,32 and 33**, Dev et al. shows configuration rules further provides a sifting operation for sifting through said attributes to match said alarm condition with a pre-determined alarm condition and the sifting means operation enables an alarm message to be terminated if a match with a pre-determined alarm condition is found (column 14, lines 41-60).

**As to claims 16,17,34 and 35**, Dev et al. teaches configuration rules further provide a logging operation for automatically logging alarm conditions in a second storage means at or near said first means and accessible therefrom and means for generating reports including past alarm conditions stored in said second storage means (column 9, lines 43-67).

**As to claims 18 and 19**, Dev et al. discloses a response action includes initiating transmission of an e-mail message and a response action includes

initiating transmission of a paging message and command procedure (column

11, lines 40-55).

**As to claim 22**, Dev et al. shows providing a physical connection between each

said network element and a terminal server device enabling remote access to

said one or more network elements via said user display interface (column 3,

line 35-through column 4, line 15).

**As to claim 26**, Dev et al. show providing a network socket connection to

enable said remotely located user access to said one or more network elements

(column 3, lines 62).

**As to claim 28,** Dev et al show the step of mapping text including utilizing

regular expression matching (column 8, lines 30-55).

**As to claim 36**, Dev et al. teaches a transaction server and a communications

server; the transaction server and communications server and to transmit the

same over a network link (column 5, lines 1-17); a telecommunications network

alarm monitoring server linked to the terminal server of the service control point

over the network link; a network alarm monitoring process to map the event

messages to an alarm data structure and a network link to the

telecommunications network alarm monitoring server to enable transmission of

messages by the network alarm monitoring server in response to recognized

alarm condition (column 3, lines 38-55 and column 13, lines 1-15)

**As to claim 37**, Dev et al. teaches access is enabled to the terminal server is

over an Internet Protocol network (column 4, lines 1-15).

**As to claim 38**, the claim is analyzed as previously discussed with respect to claims 36 and 37.

## Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mylinh Tran. The examiner can normally be reached on Mon - Thu from 7:00AM to 3:00PM at 571-272-4141.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Weilun Lo, can be reached at 571-272-4847.

The fax phone numbers for the organization where this application or proceeding is assigned are as follows:

571-273-8300

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

**WEILUN LO**
**SUPERVISORY PATENT EXAMINER**